

Paulson, Iyer et al.
Journal of Investigative Dermatology
“Systemic immune suppression predicts diminished Merkel cell carcinoma-specific survival independent of stage“

Supplemental table

	Multivariate	
Characteristic	HR	95% CI
STAGE AT DIAGNOSIS (AJCC 7th edition)		
<i>Stage IB (vs. IA)</i>	15.6*	2.1-117.4
<i>Stage IIA (vs. IA)</i>	10.9*	1.2-99.6
<i>Stage IIB (vs. IA)</i>	14.5*	1.5-135.9
<i>Stage IIIA (vs. IA)</i>	25.3*	3.4-189.8
<i>Stage IIIB (vs. IA)</i>	43.7*	6.1-313.6
<i>Stage IV (vs. IA)</i>	75.7*	10.2-560.3
SEX		
<i>Female (vs. Male)</i>	0.9	0.6-1.4
AGE AT DIAGNOSIS		
<i>Age (per year older)</i>	1.00	0.99-1.02
SYSTEMIC IMMUNE SUPPRESSION		
<i>Immunosuppressed (vs. not)</i>	4.2*	2.4-7.4

Supplemental Table 1: Multivariate Competing Risk Regression Analysis Demonstrate Immune Suppression Is an Predictor of Poor Merkel Cell Carcinoma Specific Survival Independent of stage by current AJCC criteria. Multivariate analysis including all listed variables. HR = hazard ratio; * indicates p < 0.05. CI = confidence interval. N = 395 (76 patients with local-regional-distant stage lacked sufficient information for AJCC 7th edition staging). Staging as per AJCC 7th Edition guidelines.